

WEST Search History

DATE: Tuesday, December 21, 2004

Hide?	<u>Set</u> Name	<u>Query</u>	<u>Hit</u> Count
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L1	protein near (RAF or Ral or GDS or MEKK or P13K)	615
<input type="checkbox"/>	L2	L1 near (bind or bound)	21
<input type="checkbox"/>	L3	L2 near (nucleic acid or RNA or DNA or oligomer or aptamer)	0
<input type="checkbox"/>	L4	L1 near (nucleic acid or RNA or DNA or oligomer or aptamer)	15
<input type="checkbox"/>	L5	L4 sme (bind or bound)	0
<input type="checkbox"/>	L6	(RAF or Ral or GDS or MEKK or P13K) near (bind\$ or bound\$)	187
<input type="checkbox"/>	L7	L6 near (nucleic acid or RNA or DNA or aptamer or oligonucleotide or polynucleotide or oligomer)	3
<input type="checkbox"/>	L8	(RAF or Ral or MEKK or P13K) near (bind\$ or bound\$)	122
<input type="checkbox"/>	L9	L8 same (nucleic acid or RNA or DNA or aptamer or oligonucleotide or polynucleotide or oligomer)	23
<input type="checkbox"/>	L10	(RAF-1 near (bind\$ or anneal\$ or hybridiz\$ or bound\$) near (nucleic acid or RNA))	2
<input type="checkbox"/>	L11	(RAF-1 same (bind\$ or anneal\$ or hybridiz\$ or bound\$)same (nucleic acid or RNA))	26
<input type="checkbox"/>	L12	(RAF-1 same (bind\$ or anneal\$ or hybridiz\$ or bound\$)same (nucleic acid or RNA or aptamer))	26
<input type="checkbox"/>	L13	((nucleic acid or DNA or RNA or oligonucleotide or polynucleotide) near (protein or product) near RAS)	12
<input type="checkbox"/>	L14	((nucleic acid or DNA or RNA or oligonucleotide or polynucleotide) near (bind\$ or hybridiz\$ or bound\$ or anneal\$))	70022
<input type="checkbox"/>	L15	L14 near (Ras or RAs protein)	91
<input type="checkbox"/>	L16	L15 near RNA	6
<input type="checkbox"/>	L17	L15 near (Ras binding domain)	0
<input type="checkbox"/>	L18	L15 and (ras Binding domain)	1
<input type="checkbox"/>	L19	L14 same (Ras binding domain)	3
<input type="checkbox"/>	L20	Yokoyama-SS.in. or Hirao-IS.in. or Sakamoto-K\$.in.	14112
<input type="checkbox"/>	L21	L20 and (ras binding domain or ras)	54
<input type="checkbox"/>	L22	L21 and (RNA or nucleic acid)	8
<input type="checkbox"/>	L23	L14 same ((ras near protein)or (ras binding near protein))	61
<input type="checkbox"/>	L24	L14 near ((ras near protein)or (ras binding near protein))	1
<input type="checkbox"/>	L25	4871838.pn.	2

<input type="checkbox"/>	L26	Avruch-J\$.in. and ras	17
<input type="checkbox"/>	L27	L26 and (nucleic acid same raf)	4

END OF SEARCH HISTORY

L2 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1995:557711 CAPLUS
 DN 122:305723
 ED Entered STN: 18 May 1995
 TI Screening method for identifying inhibitors of **ras** - protein
 partner interactions.
 AU **Hudson, Kevin; Ellston, Jonathan M.**
 CS Cancer Research Dept., Zeneca Pharmaceuticals, Alderley Park/Macclesfield,
 SK10 4TG 37134, UK
 SO Research Disclosure (1995), 371, 158 (No. 37134)
 CODEN: RSDSBB; ISSN: 0374-4353
 DT Journal; Patent
 LA English
 CC 1-1 (Pharmacology)

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI RD 371034		19950310		
PRAI RD 1995-371034		19950310		

AB A **ras**/raf interaction assay is described in which the
ras-binding domain of c-raf-1 is immobilized on the flash plate
 and then **ras**, pre-loaded with tritium-radiolabeled GTP, is
 added. Binding of **ras**-GTP to immobilized raf juxtaposes the
 radiolabel to the scintillant, generating a signal (1500 cpm). The signal
 is decreased to background (200 cpm) through: (i) loading **ras**
 with radiolabeled-GDP instead of GTP, which gives non-active **ras**
 protein; (ii) addition of peptide inhibitors such as **ras** 17-44
 (IC50 = 20 µM); (iii) addition of novel **ras**/raf inhibitors. The
 same methodol. could be applied to establish assays involving other
ras effectors. The inhibition of signalling by oncogenic
ras proteins is an attractive anticancer target.

ST **ras** raf protein interaction assay
 IT Proteins, specific or class
 RL: ARG (Analytical reagent use); ANST (Analytical study); USES (Uses)
 (Kirsten-**ras**, p21; screening method for identifying
 inhibitors of **ras**-raf protein partner interactions in
 relation to cancer inhibition)

IT Neoplasm inhibitors
 (screening method for identifying inhibitors of **ras**-raf
 protein partner interactions in relation to cancer inhibition)

IT Phosphoproteins
 RL: ARG (Analytical reagent use); ANST (Analytical study); USES (Uses)
 (gene c-raf-1, screening method for identifying inhibitors of
ras-raf protein partner interactions in relation to cancer
 inhibition)

=> FIL STNGUIDE

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FILE CONTAINS CURRENT INFORMATION.
 LAST RELOADED: Dec 17, 2004 (20041217/UP).